

Title (en)
Drilling tool

Title (de)
Bohrwerkzeug

Title (fr)
Outil de forage

Publication
EP 0795677 A3 19981230 (DE)

Application
EP 96810815 A 19961121

Priority
DE 19610442 A 19960316

Abstract (en)
[origin: EP0795677A2] The has a cylindrical shaft (1) with a coaxial shank at the rear end (3). Along the length of the shank is a series of cutters (5) in a row. The spacing (A1-AN) between the cutters, which near the shank, is greater than that at the front end. The maximum spacing is 1.5-4 times the minimum and the radial projection is 0.05-0.2times the shaft diameter. the cutters(7) are arranged on a strip (70, inserted into a conforming recess of the shaft. A cutting tip projects eccentrically at the far end face of the shaft.

IPC 1-7
E21B 10/00

IPC 8 full level
B23B 51/00 (2006.01); **B28D 1/14** (2006.01); **E21B 10/00** (2006.01); **E21B 10/56** (2006.01); **F16B 13/14** (2006.01)

CPC (source: EP)
B23B 51/0027 (2013.01); **E21B 10/56** (2013.01)

Citation (search report)
[A] US 4768599 A 19880906 - EISCHEID KARL [DE]

Cited by
DE10334150A1; EP3147056A1; CN108271368A; US2019112876A1; US7188690B2; WO2017050688A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0795677 A2 19970917; **EP 0795677 A3 19981230**; **EP 0795677 B1 20030514**; DE 19610442 A1 19970918; DE 59610444 D1 20030618; JP H1044135 A 19980217

DOCDB simple family (application)
EP 96810815 A 19961121; DE 19610442 A 19960316; DE 59610444 T 19961121; JP 6057397 A 19970314